

Product benefits

- balanced friction properties
- excellent wear protection
- outstanding oxidative protection and sludge control
- maximum foam protection
- extraordinary hydraulic pump protection
- advanced cold flowing properties

Applications

Record DynaGear TO-4 30 gear oil is a lubricant developed for the powershift transmissions and certain hydraulic systems of high performance earth-moving machines (off-highway tractors, dump tractors, excavators, skid steer loaders) and other construction and mining equipment.

It is a high performance gear oil especially recommended for torque converters, final drives and other auxiliary power units of Caterpillar and Komatsu type machines.

According to the user manuals it is applicable in certain hydraulic systems as a monograde summer hydraulic oil.

Meets requirements of TO-4 gear oils specified by Caterpillar Co.

Record DynaGear TO-4 30 gear oil should not be mixed with other type gear oils and engine oils.

Specifications and approvals

API CF
API MT-1
Caterpillar TO-4
Komatsu KES 07.868.1
ZF TE-ML 03C
ZF TE-ML 07F
Allison C-4

Product description

Record DynaGear TO-4 30 gear oil is an advanced product manufactured from premium quality petroleum base oils and a complex additive system.

Due to its special formula it provides superior powershift performance, smoother brake operation and reduced wear on gears and final drives that lead to longer equipment life.

Its corrosion inhibiting efficiency prevents corrosion on the surface of gear elements even in the presence of moisture.

The efficient foam protection ensure no fluid loss to foaming, even with water contamination, providing safety protection to operators against fluid overflow and contributes to the persistence of the lubricating film strength.

Typical properties

| Properties | Typical values |
|----------------------------------------------------|----------------|
| Density at 15°C [g/cm ³] | 0,895 |
| Kinematic viscosity at 40°C [mm ² /s] | 99,45 |
| Kinematic viscosity at 100 °C [mm ² /s] | 11,0 |
| Viscosity index | 95 |
| Pour point [°C] | -30 |
| Flash point (Cleveland) [°C] | 255 |

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Gear oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects. The manufacturer and distributor shall not be held liable for such possible damages.

Shelf life in the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C